



# भारत का राजपत्र

## The Gazette of India

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No. 35]

NEW DELHI, SATURDAY, AUGUST 28, 1965 (BHADRA 6, 1887)

इस भाग में भिन्न पृष्ठ संख्या की जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा आरो की नई पेटेंटों और विकाइनों से संबंधित अधिकृतमाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 28th August 1965

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

7th August 1965

100999. S. K. Madhok. Manufacturing plastic tips in transparent colours, which are screwed into hammers.

101000. S. K. Chaturvedi. Polythene ring for the fragrance of telephone-mouthpiece.

101001. Spindelfabrik Sussen, Schurr, Stahlecker & Grill G.m.b.H. Device for securing a pressure roller jacket for a drawing mechanism of a spinning machine.

101002. S. Sharma. Electric water heater or geyser.

101003. AMP Incorporated. A method of and a connector for making an electrical connection to insulated wire.

101004. Pressed Concrete Machinery Developments Limited. Manufacture of concrete articles.

101005. Dunlop Rubber Company Limited. Improvements in or relating to cured elastomeric articles. (14th August 1964).

101006. Shell Internationale Research Maatschappij N. V. Improved process for the recovery of p-xylene. [Addition to No. 96515].

101007. British Nylon Spinners Limited. Improvements in or relating to processes for winding and doffing bobbins. (19th August 1964). [Addition to No. 84165].

101008. Englebert, A. G. Rubber compound especially for treads. (12th August 1964).

101009. Ciba Limited. 3-unsubstituted  $\Delta^4, \theta(10)-19$ -norsteroids. [Divisional date 3rd April 1963].

101010. Ciba Limited. Manufacture of new pyridinium compounds.

101011. Ciba Limited. Manufacture of new thiomorpholine derivatives.

101012. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Improvements relating to crank-shaft bearings in internal combustion engines.

101013. The Lubrizol Corporation. Metal sulfonates as smoke suppressants in fuel oils.

101014. Ciba Limited. 3-unsubstituted  $\Delta^4, \theta(10)-19$ -norsteroids. [Divisional date 1st April 1963].

9th August 1965

101015. P. H. Shah. Comb cleaner.

101016. Mundipharma A. G. A new salt of N-methylglucamine and a process for its preparation.

101017. L. Arputharaj. Radium button.

101018. Dipta Shyamal Mallick. Arithmatic box.

101019. Siemens-Schuckertwerke Aktiengesellschaft. A controllable semiconductor rectifier device.

101020. Werner &amp; Pfleiderer and Veb Chemische Werke Buna. Process and device for thermal isomerization of an alkali salt of a benzene carboxylic acid.

101021. Air Reduction Company, Incorporated. Polymer composition.

101022. Air Reduction Company, Incorporated. Polymer composition.

101023. Air Reduction Company, Incorporated. Polymer composition.

101024. E. I. Du Pont De Nemours and Company. Polyamide.

101025. E. I. Du Pont De Nemours and Company. Polyamide fiber.

101026. E. I. Du Pont De Nemours and Company. Polyamide.

101027. Veb Elektro-Apparate-Werke Berlin-Treptow. Device for resetting maximum pointers of electric supply meters.

101028. Machinery Manufacturers Corporation Ltd. Electronic stop motion device.

101029. Badische Anilin- &amp; Soda-Fabrik Aktiengesellschaft. Production of thermoplastics powders.

101030. P. Clausse. Improved method of catchment of underground waters.

101031. Kaiser Aluminium &amp; Chemical Corporation. Method of synthesis.

101032. Farbensabriken Bayer Aktiengesellschaft. A process for the production of solvent-resistant textile coatings. (18th May 1965).

101033. Westland Aircraft Limited. Improvements in or relating to air cushion vehicles. (28th August 1964).

101034. Oerlikon-Bührle Holding AG. Device for non-slip drive of a tape on a transport roller.

101035. American Potash & Chemical Corporation. Improvements in and relating to the treatment of gaseous suspensions.

101036. Laporte Titanium Limited. Improvements in and relating to the manufacture of titanium dioxide pigments. (21st August 1964).

101037. Ciba Limited. New cinnamoylaminooanthraquinones and process for their manufacture.

101038. National Steel Corporation. Improved tinplate and alloy coated metal base.

101039. The Dow Chemical Company. Purification of cyanoaliphatic acids.

101040. Imperial Chemical Industries Limited. Speed control. (27th August 1964).

101041. Sperry Rand Corporation. Signal responsive apparatus.

101042. Lansing Bagnall Limited. Direct current electric motors and control apparatus therefor. [Divisional date 23rd March 1964].

101043. Shell Internationale Research Maatschappij N. V. Method and apparatus for chromatographic analysis.

101044. Telefunken Patentverwertungsgesellschaft m.b.H. Protector sleeve.

101045. R. R. Yadav. Ignition device provided to the gas burner.

101046. The Sarangpur Cotton Manufacturing Company Limited. A method for obtaining transparent and/or sculptured effects on textiles.

101047. D. K. Dhand. A machine for the counting of differential counting of vehicles passing.

101048. D. K. Dhand. A machine for counting or differential counting of vehicles passing.

10th August 1965

101049. K. A. Moothan. Rotating type of internal combustion engine.

101050. K. A. Moothan. Synthetic diamonds from sucrose.

101051. K. A. Moothan. Aluminium oxide from aluminium.

101052. K. A. Moothan. Cuprous oxide from copper.

101053. Koppers Company, Inc. Improvements in or relating to high-chambered horizontal coking retort ovens.

101054. Koppers Company, Inc. Improvements in or relating to high chambered horizontal coking retort ovens.

101055. Unilever Limited. Improvements relating to the treatment of oils. (12th August 1964).

101056. Westinghouse Electric Corporation. Electrical apparatus.

101057. Metallgesellschaft A. G. Process of automatically controlling the conveyor speed of sintering machines.

101058. S. R. Walter Kaule. Non-destructive testing with ultrasonic pulses.

101059. Machinery Manufacturers Corporation Ltd. Electronic stop motion device.

101060. O. P. Tantia. Damping device for use in railway wagons.

101061. Machinery Manufacturers' Corporation Limited. Means for stopping the rotation of the doffer cylinder and connected mechanism of carding engines.

101062. E. K. Cole Limited. Improvements in or relating to inductance coil assemblies. (20th August 1964). [Addition to No. 84005].

101063. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of organic acetates. (16th July 1965).

101064. The Molins Organisation Limited. Apparatus for conveying a mass of cigarettes from one level to a higher level. [Divisional date 9th March 1964].

101065. Standard Telephones and Cables Limited. Improvements in or relating to electrolytic grinding processes. (11th September 1964).

101066. Ciba Limited. Manufacture of new amino-alcohols.

101067. Ciba Limited. Manufacture of new amino-alcohols.

101068. Ciba Limited. Manufacture of new amino-alcohols.

101069. A. Egli and F. Landolt. Closure for containers, in particular for tubes and bottles.

101070. N. V. Philips Gloeilampenfabriekcn. Improvements in or relating to arrangements for converting mechanical energy into caloric energy or conversely.

101071. Parke, David & Company. New organic amines and methods for their production.

101072. The Norwich Pharmacal Company. Improvements in or relating to the preparation of nitrofurantoin.

101073. The Dow Chemical Company. Permselective hollow fibers and method of making.

101074. Shell Internationale Research Maatschappij N. V. A grease. [Addition to No. 84571].

101075. Maschinenfabrik Fahr Aktiengesellschaft. Combine harvester, especially combine rice harvester.

101076. Warner-Lambert Pharmaceutical Company. Chemical process and product. [Divisional date 6th April 1963].

11th August 1965

101077. Bimal Kumar Ghosh. Improvements in or relating to the gadgets and methods of fitting and opening a spring.

101078. Agripat S. A. New organic tin-boron compounds, process for their production and biocidal agents containing them.

101079. Smith Kline & French Laboratories. Improvements in or relating to anthelmintic compositions.

101080. Eastman Kodak Company. Intramuscularly injectable vitamin a preparation.

101081. Calmic Limited. Improvements in or relating to the maintenance of urinals, water closet basins and the like. (7th November 1964). [Addition to No. 98461].

101082. Saunders Valve Company Limited. Fluid controlling valves. (20th August 1964).

101083. Indian Oxygen Limited. Improvements in electric arc welding. (19th August 1964).

101084. Indian Oxygen Limited. Combined compressor and expansion engine. (21st August 1964).

101085. Indian Oxygen Limited. Process for the treatment of metal and combined oxidizing jet and fuel burner for use therein. (31st August 1964).

101086. Ciba Limited. Manufacture of new amino-alcohols.

101087. Lepetit S.p.A. Synthetic antibiotics. (12th August 1964).

101088. The Carborundum Company. Production of refractory bodies.

101089. The Dow Chemical Company. High density polyolefin foams.

12th August 1965

101090. K. Gupta. Improvement in or relating to method of and means for keeping bicycle free of fall on any side irrespective of road upheavals and whether bicycle is stationary or in any motion with rider on the seat.

101091. Mimik Limited. Control system.

101092. Sherritt Gordon Mines Limited. Tin purification process. (22nd August 1964).

101093. Johnson, Matthey & Co., Limited. Improvements in and relating to the bonding of dissimilar metals to one another. (13th August 1964).

101094. Compagnie Francaise De Television. Improvements to colour television receiving tubes. (28th October 1964).

101095. Halcon International, Inc. Chemical process.

101096. British Industrial Plastics Limited. Treatment of oxymethylene polymers. (18th August 1964).

101097. The Indian Sugar & General Engineering Corporation. Improvements in or relating to a new hydraulic accumulator, allied roller mill equipment.

101098. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of and devices for manufacturing a wire and wire manufacture by means of the said methods.

101099. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing objects consisting at least chiefly of glass.

101100. International Nickel Limited. Nickel-chromium alloys. [Addition to No. 93383].

101101. Merck & Co., Inc. Improved containers for lyophilized products. [Divisional date 1st October 1963].

13th August 1965

101102. N. N. A. K. Maliki. A self-watering shaving brush.

101103. Bristol-Myers Company. Process for the preparation of substituted, 3, 4-dihydro-2-benzothiopyrans.

101104. Smith & Nephew Plastics Limited. Improvements in and relating to laminates and methods for their manufacture. (17th August 1964).

101105. Sandoz Ltd. Improvements in or relating to organic compounds. (14th August 1964).

101106. Sandoz Ltd. Improvements in or relating to organic compounds. (14th August 1964).

101107. Sandoz Ltd. Improvements in or relating to organic compounds. (14th August 1964).

101108. Sandoz Ltd. Improvements in or relating to novel urea derivatives. (14th August 1964).

101109. C. F. Boehringer & Soehne GmbH. Benzene-sulphonyl-ureas. (9th June 1965).

101110. Aktiebolaget Svenska Flaktfabriken. Wet separator with venturi-shaped gas channels.

101111. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for separating moenomycin.

101112. Ciba Limited. New cinnamoylamino-isothiazoleanthrones and process for their manufacture.

101113. Porous Plastics Limited. Improvements relating to the production of porous materials. (13th August 1964).

101114. Porous Plastics Limited. Improvements relating to the production of porous materials. (13th August 1964).

101115. Bruce Peebles & Co., Limited. Improvements relating to electrical windings and in particular for submersible motors. (14th August 1964).

101116. J. R. Geigy A. G. Use of bis-benzotriazoles as corrosion inhibitor and metal deactivator. (14th August 1964).

101117. Allied Chemical Corporation. Process for producing iron-free aluminium nitrate solutions.

101118. M. & T. Chemicals Inc. Novel product and process.

101119. Canada Iron Foundries Limited. Method and means for continually and simultaneously surveying and aligning railroad track. (20th March 1965).

101120. Dominion Magnesium Limited. Purifying device for magnesium production retort. (26th October 1964).

101121. Indian Oxygen Limited. Compressors. (4th September 1964).

#### Alteration of Date

90730. The claim to priority date 8th November 1962 has been abandoned and the application dated as of 8th November 1963, the date of filing in India.

91063. The claim to priority date 30th November 1962 has been disallowed and the application dated as of 29th November 1963, the date of filing in India.

91437. The claim to priority date 28th December 1962 has been abandoned and the application dated as of 23rd December 1963, the date of filing in India.

91912. The claim to priority date 4th February 1963 has been disallowed and the application dated as of 25th January 1964, the date of filing in India.

92116. The claim to priority date 15th July 1963 has been disallowed and the application dated as of 6th February 1964, the date of filing in India.

98220. Ante-dated to 4th November 1963 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Streets, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

90611. Hooker Chemical Corporation. Method for unhairing animal hides and/or skins and a composition therefor. Accepted on 4th August 1965.

*Contacting with aqueous solution containing compound like alkali metal thiophosphate, hydrolyzable in solution to form sulphhydrate ions.*

90660. Hermann Pfauter. Gear cutting machine. (1st May 1963). Accepted on 5th August 1965.

*Comprising a hob and a gear shaper machine clamped in one work piece.*

90692. Sperry Rand Corporation. Logic circuit. Accepted on 6th August 1965.

*Having a backward diode across the secondary winding of transformer, a tunnel diode between secondary winding and source of bias potential, and a set per se source connected to primary winding of the transformer.*

90694. The Youngstown Research & Development Company. Improvements in or relating to rolling of metal sheet or strip on a rolling mill. Accepted on 6th August 1965.

*Driving an upper backing roll by at least a first motor operatively connected thereto controlling the amount of deflection of the work roll.*

90730. A. D. L. Bulgin. Improvements in gas torch devices for heating. Accepted on 9th August 1965.  
*Comprising an injector assembly formed for connection to a gas supply and a main mixing tube having one or more inletports, is characterized by a flame former affixed at the outer end of main mixing tube, and consisting of body with a main gas passage extending therethrough such passage being restricted to divert the gas from the main stream to one annular space which forms an inlets for secondary air as well as air inspiration passage about the flame.*

90758. Combustion Engineering, Inc. Forced flow once-through vapor generator. Accepted on 11th August 1965.  
*First heating section including vapor generating furnace walls and having a second heating section including a primary superheater and a finishing superheater.*

90759. Combustion Engineering, Inc. Forced flow once-through type system generator. Accepted on 11th August 1965.  
*Producing vapor in a forced flow modified once-through type vapor generator by use of vapor from an auxiliary vapor source to start up the vapor generator.*

90917. Societe D'Electro-Chimie, D'Electro-Metallurgie et Des Acieries Electriques D'Ugine. Process for preparing sodium cyanide. (2nd August 1963). Accepted on 11th August 1965.  
*Comprising heating the sodium cyanide dihydrate crystals in a container by introducing a gaseous medium unsaturated in steam.*

91063. Pripart S. A. Prepayment apparatus for the distribution of postcards carrying a sound record. Accepted on 10th August 1965.  
*Comprises a distributor of postcards provided with a surface adapted to carry such a record recording means, means for selecting post cards, and means for controlling last-mentioned means.*

91237. Brown, Boveri & Company Limited. Catalyst electrode insensitive to oxidation for electrochemical processes. Accepted on 9th August 1965.  
*Characterised in that the active centres of a porous electrode body comprising inner surfaces of activated Ramey nickel are covered with a thin layer of a metal of the platinum group.*

91256. A. Jirounek and J. Kriz. Cooling tower. Accepted on 11th August 1965.  
*A cooling tower comprises evaporating walls, means for supplying water to said evaporating walls and means for draining said water.*

91270. Knorr-Bremse G.m.b.H. Weighing valve for load-dependent compressed-air brakes of rail vehicles. Accepted on 9th August 1965.  
*Two box parts being provided, which are connected with each other by means of bellows to which the control pressure is admitted.*

91424. Stora Kopparbergs Bergslags Aktiebolag. Method and apparatus for fastening anti-skid studs in tires. Accepted on 11th August 1965.  
*Comprises inserting jaw fingers and spreading them apart to expand the hole for positioning the stud in it by moving a plunger and holding the plunger against the stud while withdrawing the fingers.*

91437. Imperial Chemical Industries Limited. Bonded non-woven fabrics and a process for the production thereof. Accepted on 10th August 1965.  
*Comprises impregnating a batt, mat or web with a dispersion of a polymer in an organic liquid in which the polymer is insoluble.*

91760. Brentford Electric Limited. Improvements in or relating to alternating voltage regulators. (17th January 1963). Accepted on 13th August 1965.  
*Comprising a first winding and a second winding in series, and at least one further winding which is inductively coupled with the first winding and connected across at least part of the second winding by means of tapping contact.*

91912. The Bendix Corporation. Brake mechanism. [Addition to No. 90347]. Accepted on 26th July 1965.  
*Means to change the maximum stroke permissible for the manually actuatable means under no-power conditions and to regulate the amount of power available during the transition from minimum stroke to maximum stroke.*

92014. Index-Werke KG Hahn & Tessky. Driving gear for slides at automatic turning lathes. Accepted on 31st July 1965.  
*Means being provided in quadrant lever whereby distance of said follower from the swivel axis of the quadrant lever is adjustable.*

92055. Knorr-Bremse Kommanditgesellschaft. Automatic coupling for railway vehicles. Accepted on 3rd August 1965.  
*Characterised in that the line coupling is attached to a support which can be turned around at any required angle to the longitudinal axis of the main coupling.*

92080. Snam S. p. A. Process for preparing 1, 4-cis-butadiene high. Accepted on 4th August 1965.  
*Using a primary co-catalyst such as an amino-alane along with a compound of a transitional metal.*

92100. Biswanath Sinha. Improved cycle bell. Accepted on 5th August 1965.  
*Comprises a dome screwed on the base plate by means of a vertical stud and riveted by means of rivet, a pair of clapper balls provided on the vertical stud by means of a pair of arms and springs, a ratchet wheel is interposed between the bottom lip of the stud and the rivet and a spring loaded pivoted operating lever having a pawl at the other end.*

92106. A. V. I. Alpenlandische Veredelungs-Industrie Gesellschaft m.b.H. Welded grate structure. Accepted on 5th August 1965.  
*Each sidewardly outer-most longitudinal rod is spaced from its inwardly immediate adjacent longitudinal rod for a distance smaller than the spacing of the other longitudinal rods and the transverse rods partially surround said outer-most longitudinal rods.*

92116. L. J. Chu. Signal apparatus for producing sampling in pulses. Accepted on 6th August 1965.  
*Having in combination means for producing equal width signal, a plurality of signal receivers means for combined the received signals, differentiating means, means to produce cumulative signal, and means for connecting the differentiating means to the cumulative means.*

92128. E. C. Cottell. Rotating liquid whistle to produce sonic vibrations. Accepted on 6th August 1965.  
*Having at least one jet orifice with inlet means for liquid medium under pressure, a series of blades, the jet orifice and the blades being mounted for relative rotational movement.*

92146. Sandoz Ltd. Process for the production of monoazo dyes and textile materials dyed, padded or printed therewith. Accepted on 7th August 1965.  
*Diazotizing 2-amino-3-chloro-5-nitro-benzo-nitrile and coupling the diazotized amine with 3-dethylamino-1-acetylaminobenzene.*

92147. Dow Corning Corporation. Improved siloxane foam control agents. Accepted on 6th August 1965.  
*Comprises a silica having a surface area of at least 50 sq. metres per gm. and polydiorganociloxane liquid.*

92150. Ciba Limited. Improvements in and relating to vapour emissive insecticide compositions. Accepted on 7th August 1965.  
*Comprising solid organic active substance with m.p. 40—200°C and finely forms absorbent vehicle.*

92156. Esso Research and Engineering Company. Improvements in soil sealant material for water conservation. Accepted on 7th August 1965.  
*A soil sealant material comprises a bitumen emulsion and a cationic emulsifier in the form of a long chain amine.*

92157. A. Pitner and Nadella S. A. Equipment for assembling universal joints. Accepted on 7th August 1965.  
*Comprising in combination with a centering device which maintains the axes of rotation of the yokes in strict alignment, a press to push a circular retaining element in the yoke/yokes.*

92158. Societe Francaise des Laboratories Labaz. Method for the continuous production of containers of thermoplastic material containing a pharmaceutical product and means for the execution of said method. Accepted on 7th August 1965.  
*Moulding of the sterile bags of a thermoplastic material at a sterilisation temperature through the agency of a blast of sterile fluid.*

92173. The Lubrizol Corporation. Lubricating compositions. Accepted on 10th August 1965.  
*A carborated, basic alkaline earth metal salt of a bright stock sulfonic acid, the metal salt having a metal ratio of at least about 3.*

92174. Real Patentauswertungs-Anstalt. Control device with two push buttons for two colours ball pens. Accepted on 10th August 1965.  
*Two push buttons have inserted there-between an intermediate member provided with hold basic means.*

92181. International Business Machines Corporation. Improvements in or relating to counting display devices. (20th February 1963). Accepted on 10th August 1965.  
*Comprises a series of similar cavities forming a closed ring, successive cavities being interconnected, wherein at least one cavity is at least substantially filled by a globule of liquid and includes means for indexing the or each liquid globule from cavity to cavity.*

92186. Clayton Dewandre Company Limited. Improvements in or relating to condensate drain valves for compressed air reservoirs. (11th February 1963). Accepted on 10th August 1965.  
*A drainage chamber, a discharge chamber having a valve controlled inlet and a valve controlled outlet and diaphragm to operate valve actuating means.*

92190. Jhon Thompson Water Tube Boilers Limited. Improvements relating to a method of producing low pressure steam. (15th February 1963). Accepted on 9th August 1965.  
*Feeding the steam or the water successively through superheater and steam generator tubes of a steam/steam generator and returning condensed steam or lower temperature water to the generator.*

92191. John Thompson Water Tube Boilers Limited. Improvements relating to a method of and apparatus for producing low pressure steam from high pressure steam. (15th February 1963). Accepted on 9th August 1965.  
*Feeding the steam through superheater tubes, throttling the steam passed through the superheater tubes and feeding it to a cyclone separator and passing dry steam extracted by the separator over said superheater tubes.*

92209. Fuchs Gesellschaft Mit Beschränkter Haftung. Process for the production of quench-hardened castings of magnesium-aluminium-zinc alloys. (21st November 1963). Accepted on 9th August 1965.  
*Casting is subjected to a quench-hardening process involving homogenization, quenching and annealing, the casting being heated in stages from 380°C to 420°C, quenched to a temperature between room temperature and 120°C and annealed at temperature from 170°C to 190°C, the heating at 420°C being continued until ppts. in the casting of Mn, Zn, and Al are brought into solution completely.*

92211. Imperial Chemical Industries Limited. Process for the manufacture of coloured shaped objects. (28th February 1963). Accepted on 10th August 1965.  
*1 : 1' : 5 : 1"-trianthrimide is incorporated with polymeric material and the mixture is fabricated into desired shape.*

92214. Esso Research and Engineering Company. An improved process for preparing crystalline-synthetic faujasite. Accepted on 11th August 1965.  
*Heating an aqueous mixture containing Na<sub>2</sub>O, SiO<sub>2</sub>, and Al<sub>2</sub>O<sub>3</sub> to 80-120°C and crystallising the faujasite.*

92245. Dorr-Oliver Incorporated. Drying and agglomerating solids in fluidised bed. Accepted on 12th August 1965.  
*Controlling the amount of carry over product from a fluidized bed by controlling the moisture content of the thicksticky mass of finely divided solids being supplied to the bed.*

92302. The Gas Council. Process for the production of gases containing methane from hydrocarbons. Accepted on 12th August 1965.  
*Comprises passing the hydrocarbon vapour and steam into a bed of nickel catalyst at 350°C and recycling a proportion of the reaction gases and mixing them with hydrocarbon vapour and steam to be reacted prior to passage through the bed of nickel catalyst.*

92311. T. Yamamoto. A process for manufacturing a board for decorative use. Accepted on 10th August 1965.  
*Comprises sequentially flowing to laminate at least two differently coloured toned fluid compositions containing thermocurable synthetic resins, curing the laminate at least partially, thereafter cutting the laminate.*

92325. J. M. Huber Corporation. Pelletized carbon black. Accepted on 10th August 1965.  
*Consisting of a fluffy carbon black and a quantity of an oleaginous pellet binding material of from 1% to 90% of the oil absorption value by weight of carbon black.*

92328. Don Baxter, Inc. Catheter. Accepted on 10th August 1965.  
*Comprising a flexible synthetic plastic tube containing a main inner passage and a second passage close to the wall of the tube, the second passage being in communication with the exterior of the tube and a layer of an elastic, synthetic plastic bonded to the tube at spaced locations on the length of the tube.*

92346. The Goodyear Tire & Rubber Company. Improvements in process for preparing polyesters. Accepted on 12th August 1965.  
*Mixing a glycol and a dicarboxylic acid with a low molecular weight polyester in a reactor, distilling out a portion of the glycol and reacting the mixture in the reactor while flashing out water and further reacting the mixture.*

92357. M. Treve. Improvements in or relating to a section insulator for an overhead electric traction line. Accepted on 11th August 1965.

*The insulating part is formed by a rigid glass-resin bar which is rigidly secured at each end to a metal-member, which is insulated in a cavity in a metal element to which is attached the anchoring clip.*

92365. B. Baetz. Improvements relating to the manufacture of electrolytic products. (21st February 1963). Accepted on 11th August 1965.

*Characterised in that an ionised metal compound is continuously introduced as an electrolyte into the ion conductive path to maintain the electrolyte concentration above a selected value at it is consumed.*

92376. Toyo Rayon Kabushiki Kaisha. Production of linear ethylene terephthalate polyesters. Accepted on 12th August 1965.

*Condensing terephthalic acid or di-lower alkyl terephthalates and ethylene glycol and optionally any other acid component and/or glycol component co-condensable, in which 80 mols percent of acid component is terephthaloyl groups and 80 mol percent of glycol component is ethylene bisoxy groups, in the presence of titanium trichloride, ammonium orthotitanate or ammonium metal titanate.*

92385. International Business Machines Corporation. Print hammer mechanism. Accepted on 10th August 1965.

*Comprising a print hammer movable by an electro magnetic actuator connected by a disengagable coupling to the hammer.*

92390. Standard Telephones and Cables Limited. Apparatus for the testing of tubes. (27th February 1963). Accepted on 10th August 1965.

*Inlet and outlet glands provided in the walls of a closed vessel are so arranged that the liquid in the vessel would be above the level of the said inlet and outlet glands.*

92394. Imperial Chemical Industries Limited. New dyeing process for woolen textile materials. (14th August 1963). Accepted on 13th August 1965.

*Dyeing woolen textile materials in a dye-bath comprising an aqueous solution containing wool dyestuff, hexaurethylenetetramine, quaternary ammonium compound and a condensate of ethylene oxide with an amine, an alcohol or a phenol.*

92449. G. Rubio and S. Rubio. Knockdown structure and component frame therefor. Accepted on 10th August 1965.

*Consists of a pair of laterally spaced beams each comprising a pair of spaced rods, a rod rigidly connecting the beams, a pair of U-shaped braces connecting the beams, stops connecting each pair of rods of the beams, notches in the rods of the beams and lugs on the beams.*

92464. The Goodyear Tire & Rubber Company. Improvements in method of polymerization of diolefins and alpha olefins. Accepted on 12th August 1965.

*Using as catalyst a reaction product of organo aluminium etherate and  $TiCl_4$  and activated by addition of an organo aluminium aromatic etherate.*

92475. Aktiebolaget Svenska Flaktfabriken. An apparatus for stabilized transport of web-or sheet-like materials. Accepted on 12th August 1965.

*Characterised in discharge and exhaust openings being so arranged as to allow medium time to form a continuous film before being exhausted and then divided into separate streams.*

92520. Gullick Limited. Improvements in or relating to roof supporting means for mines. Accepted on 10th August 1965.

*Wherein the two roof-supporting units are articulated together and a presence-fluid ram has one member secured to one unit and its other member adapted for connection to an anchorage.*

92644. Dunlop Rubber Company Limited. Improvements in or relating to extrusion apparatus. Accepted on 9th August 1965.

*Having a carrier for holding a central die part within and in spaced relationship from the walls of a die orifice of an extrusion.*

92657. Imperial Chemical Industries Limited. Circuit breakers. (13th March 1963). Accepted on 9th August 1965.

*Comprises an oscillating member provided with a plurality of compartments insulated electrically from each other.*

92715. International Nickel Limited. Deposition of palladium. Accepted on 7th August 1965.

*In a bath consisting of 1 to 20 g/l of divalent palladium from 0.04 to 0.50 g/l of unsymmetrical dimethyl hydrozine and at least one amino compound and water, the deposition is carried out.*

92735. K. Caspar. Process and device to measure and regulate the solid products of a dense suspension in the float and sink washing. Accepted on 11th August 1965.

*Consisting (i) a frame (ii) sliding carriage (iii) a photo electric cell, a projector and a contact bar.*

92750. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to air cushion borne vehicles. (24th April 1963). Accepted on 9th August 1965.

*Having an inflatable skirt depending from the underside of the vehicle body to constitute a side wall of a space arranged to be supplied with air to form the cushion.*

92768. The British Petroleum Company Limited. Preparation of phosphorous-containing olefin polymers suitable for use as lubricating oil additives. (29th March 1963). Accepted on 10th August 1965.

*Reacting 100 parts of olefin with 0.1-25 parts of phosphorous halide in presence of 1.5 moles of Friedel Crafts at below 0°C and hydrolysing reaction product.*

92797. M. K. Kataki. Improvements in or relating to a coinfreed vending machine. Accepted on 11th August 1965.

*Having clutch arrangement comprising a locking bar attached to the conveying means held by the positioning member which being pivotally mounted on the conveying means.*

92819. Tokyo Shibaura Electric Company Limited. Apparatus for detecting rotating speed. Accepted on 10th August 1965.

*Comprising means to generate an alternating current voltage dependent upon the number of revolutions of rotating body, means to convert alternating current voltage into a pulse having constant width, resistor through which a constant current is always flowing from a source of supply switching means connected in parallel with resistor.*

92823. Buck Tool Company. Expandable or contractible workpiece holder. Accepted on 9th August 1965.

*Provided that the expansion causing force being applied to the expandable or contractible part at a large number of closely spaced (both axially and circumferentially of the holder) points.*

92840. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to the gasification of finely-divided solid fuels. Accepted on 12th August 1965.

*Gas flow velocity is increased near slag discharge outlet to create a high heat transfer zone in the region of said outlet.*

92843. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for providing a strengthening surround around the bulb of a cathode-ray tube, more particularly for television display. Accepted on 9th August 1965.

*Characterized in that the vacuum sucking cup is secured in a flexible matrix plate, which movably bears through its edges on a support, a supple sealing ring and spacers being secured near the edges.*

92932. Westinghouse Electric Corporation. Improvements in or relating to process for producing damping alloy members. Accepted on 11th August 1965.

*Consisting in heating the machine element to a temperature in the austenitic region and maintaining the element at such temperature for a length of time sufficient to obtain complete transformation of the machine element alloy to austenite.*

92976. Union Carbide Corporation. Improved process for the preparation of aldehydes or ketones. Accepted on.

*Comprises contacting in an essentially halide ion free system, water an olefinic compound free of anhydric unsaturation a catalyst comprising a compound of a reducible metal which, while in an oxidised state forms a complex with the olefinic compound and a co-oxidant comprising a compound of a metal having at least two potential oxidised states, the higher of which is capable of oxidising the reduced form of the catalyst.*

93004. Sperry Rand Corporation. Multistable fluid device. Accepted on 10th August 1965.

*Characterised in that the fluid interaction chamber contains at least one offset portion to which the power stream cannot lock, and that the control stream input is such directed to the power stream issuing from the power stream input that a pressure is created in the offset portion, pressure being effecting to shift the power stream to another power stream exit.*

93050. Dominion Magnesium Limited. Method and apparatus for producing high purity calcium. (23rd April 1963). Accepted on 12th August 1965.

*Heating a compacted mixture of calcined lime and aluminium powder while using a baffle or heat shield in a condenser to create two temperature zones for selective condensation of calcium and of magnesium.*

93094. A. E. Topham and C. H. Topham. Improvements in or relating to valves for controlling fluid flow. (9th April 1963). Accepted on 11th August 1965.

*Spring loading means consisting of spring members or arms extending laterally from pivotal anchorage to the operating spindle and secured at their outer end parts to the back of the valve member or stopper.*

93130. Ciba Limited. Quinacridone pigments. Accepted on 12th August 1965.

*Comprising two different crystal modifications of linear 2 : 9-Dimethoxyquinacridone.*

93257. The British Petroleum Company Limited. Improvements relating to the detection of solid particles suspended in liquid. (6th May 1965). Accepted on 10th August 1965.

*Comprising a line for the material to be tested leading through a light scattering enclosure and means for measuring the light scattering in the enclosure their means including at least three photo-electric cells attached to the light scattering enclosure but out of the direct path of the light beam.*

98220. Hocker Chemical Corporation. A process for preparing sodium thiophosphate. [Divisional date 4th November 1963]. Accepted on 4th August 1965.

*Heating mixture of phosphorus pentasulfide with sodium hydroxide above 70°C and cooling to effect crystallization.*

#### Opposition Proceedings

(1)

An opposition has been entered by Sunderdas & Co., to the grant of a patent on application No. 91109 made by P. C. Jain and others.

(2)

An opposition has been entered by Sunderdas & Co., to the grant of a patent on application No. 91110 made by P. C. Jain and others.

#### Patents Sealed

(1)

88435.

(2)

82524.	85406.	86079.	86365.	86481.	86597.	86773.
86847.	86875.	86971.	87078.	87082.	87083.	87203.
87340.	87477.	87564.	87756.	87786.	87886.	87938.
87967.	87991.	88014.	88077.	88214.	88279.	88364.
88374.	88432.	88511.	88575.	88577.	88584.	88590.
88592.	88649.	88754.	88806.	88966.	89046.	89090.
89091.	89137.	89213.	89476.	89650.	89662.	89663.
89903.	89953.	89978.	90507.	90762.	90988.	

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that the Gilden Company, a corporation organized under the laws of the state of Ohio, United States of America having a place of business at 900 Union Commerce Building, Cleveland, State of Ohio, United States of America, seek leave to amend the name, address and nationality of the applicant in the application, specification and drawings in respect of application for Patent No. 86367. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Renewal Fees Paid

43818.	43886.	45474.	45869.	45959.	46003.	48064.
48099.	48121.	48142.	48224.	48250.	48743.	48744.
49980.	50059.	50208.	50271.	50367.	50380.	50475.
50480.	51137.	52655.	52669.	52774.	52839.	52953.
52965.	53010.	53294.	54325.	55171.	55191.	55251.
55322.	55325.	55327.	55353.	55354.	55547.	55587.
55647.	55683.	55684.	55685.	55686.	56306.	57522.
58307.	58308.	58310.	58343.	58350.	58361.	58385.
58386.	58423.	58430.	58509.	58511.	58656.	59084.
59214.	60595.	61536.	61537.	61538.	61624.	61715.
61716.	61943.	61791.	61911.	61912.	61927.	61943.
61996.	62034.	62038.	62039.	62085.	62097.	62099.
62110.	62136.	62183.	62238.	64086.	64813.	64905.
65121.	65188.	65268.	65269.	65284.	65297.	65317.
65327.	65365.	65461.	65488.	65492.	65499.	65500.
65558.	65592.	65603.	65604.	65614.	65658.	65871.
66660.	66671.	66672.	66673.	66675.	68685.	68686.
68687.	68761.	68789.	68799.	68839.	68840.	68849.
68942.	68951.	68982.	69027.	69060.	69139.	69142.
69144.	69145.	69169.	69170.	69221.	69251.	69266.
69346.	69351.	69377.	69387.	69432.	69446.	69448.
69475.	69481.	69499.	69562.	69737.	69832.	69839.
69902.	69956.	70089.	70090.	70120.	70200.	72916.
73206.	73207.	73218.	73224.	73227.	73237.	73241.
73259.	73264.	73279.	73296.	73314.	73331.	73383.
73400.	73408.	73420.	73446.	73448.	73449.	73450.

73451. 73453. 73460. 73463. 73471. 73474. 73502.  
 73535. 73568. 73569. 73575. 73611. 73642. 73651.  
 73751. 73777. 73818. 73846. 74178. 74252. 74265.  
 74296. 74307. 74465. 74505. 74511. 74717. 74850.  
 74966. 75540. 75877. 75878. 76325. 78016. 78123.  
 78203. 78280. 78281. 78352. 78354. 78380. 78386.  
 78396. 78417. 78423. 78437. 78482. 78493. 78504.  
 78505. 78506. 78516. 78527. 78556. 78568. 78584.  
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 78707. 78722. 78753. 78812. 78853. 78854. 78855.  
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 78999. 79047. 79053. 79054. 79113. 79243. 79265.  
 79300. 79358. 79359. 79484. 79493. 79537. 79780.  
 79781. 82207. 83495. 83642. 83643. 83794. 84021.  
 84169. 84170. 84171. 84654. 84655. 84862. 85009.  
 85142. 85768.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The data shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 124784 to 124788. (Mrs.) Seatha Radhakrishnan and (Mrs.) Kuppuswamy Lalitha, both of Indian nationality, 2, Vina-yaka Mudali Street, Somu Mudali Colony, Madras 28, India, "Tower bolt", February 9, 1965.

Class 1. No. 125002. The Madras Type Foundry, 38, Jones Street, Madras 1, Madras, Indian concern, "Type faces", February 25, 1965.

Class 3. No. 125092. Mirco Industries, an Indian Partnership firm, 249, D. N. Road, Fort Bombay-1, (Maharashtra), "Ball point pen", March 15, 1965.

Class 3. No. 125124. Johnson & Johnson, A corporation of the State of New Jersey, 501 George Street, New Brunswick, New Jersey, United States of America, "Plastic ring dispensers", March 22, 1965.

Class 3. No. 125126. Gemrich Industries an Indian Partnership Firm, Rangoonwala Building, 91 Mohamedali Road, Bombay-3 (Maharashtra), "Towel hanger", March 24, 1965.

Class 3. No. 125307. Veena Electric Industries, Indian Partnership Firm, Rusi Mehta Industrial Estate, 2nd Floor, Jairajbhai Lane, Foras Road, Bombay-8, Maharashtra, "Transformers", April 5, 1965.

Class 3. No. 125308. New Art Industries, Indian Partnership Firm, Ram Baug, Swami Vivekanand Road, Malad, Bombay-64 (NB), Maharashtra, "Photoframes", April 5, 1965.

Class 12. No. 124301. Hindustan Lever Limited, a company incorporated under the laws of India, Hindustan Lever House, 165-166, Backbay Reclamation, Bombay-1, Maharashtra, India, "Soap or detergent tablet", June 23, 1964 (United Kingdom).

Class 13. Nos. 125488 to 125500 and 125502 to 125507. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", April 28, 1965.

Class 13. No. 125711. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", May 20, 1965.

Class 13. No. 125719. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", May 22, 1965.

Class 13. Nos. 125722 to 125724. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalboug, Bombay-12, Nationality-Indian Business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", May 24, 1965.

Class 14. No. 125501. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", April 28, 1965.

#### Copyright Extended for a Second Period of Five Years

Design No. 106085, Class 3.

Design No. 107372, Class 4.

#### Copyright Extended for a Third Period of Five Years

Design Nos. 81133 and 82174, Class 1.

Design No. 83147, Class 1.

Design No. 88269, Class 3.

A. JOGARAO

*Controller General of Patents, Designs and Trade Marks*